

Compatibility with new fuels

Your Mercedes-Benz should be with you as long as possible. As such, our development process is already focused on ensuring compatibility with new fuels. This applies especially to the use of fuels that contain a greater proportion of non-fossil-based components.

Our latest generation of spark-ignition engines can be operated with fuels that have an ethanol content of up to 25% vol.

In addition, our current generation of diesel engines was designed from the outset to be compatible with new diesel fuels. In Europe, the entire Mercedes-Benz diesel car fleet has been approved for the use of XTL (X to liquid) and B10 fuels since the end of 2020, as has the entire Mercedes-Benz van fleet since the end of 2021. This means, for example, that our vehicles can be topped up with HVO100 (EN15940) or B10 (10% vol. biodiesel). Model types with previous production dates may also be approved and released. Detailed information on the individual models can be found in the list.

Our list includes all approved and released vehicles. For all other vehicles, the operator is responsible for the use of fuels with a greater proportion of non-fossil-based components.



Sheet 138.5 New diesel fuels in vehicle model series

Sheet no.	Vehicle model
138.51	A-Class with GLA, B-Class with GLB and CLA
138.52	C-Class, E-Class with CLE, S-Class with CLS
138.53	GLC, GLE and GLS
138.54	G-Class
138.55	T-Class and Citan
138.56	V-Class and Vito
138.57	Sprinter